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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/899,575B

DATE: 06/06/2003
TIME: 14:40:25

Input Set : A:\CHIR-1631_03USseqlist.txt
Output Set: N:\CRF4\06062003\I899575B.raw

3 <110> APPLICANT: Zur Megede, Jan
 4 Barnett, Susan W.
 5 Egnelbrecht, Susan
 6 van Rensburg, Estrelita Janse
 8 <120> TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING ANTIGENIC HIV TYPE C
 9 POLYPEPTIDES, POLYPEPTIDES AND USES THEREOF
 11 <130> FILE REFERENCE: PP01631.102 (CHIR-1631/03US)
 13 <140> CURRENT APPLICATION NUMBER: 09/899,575B
 14 <141> CURRENT FILING DATE: 2001-07-05
 16 <150> PRIOR APPLICATION NUMBER: 09/610,313
 17 <151> PRIOR FILING DATE: 2000-07-05
 19 <160> NUMBER OF SEQ ID NOS: 143
 21 <170> SOFTWARE: PatentIn Ver. 2.0
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 24 <211> LENGTH: 60
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Human immunodeficiency virus
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 33 <212> TYPE: DNA
 34 <213> ORGANISM: Human immunodeficiency virus
 36 <400> SEQUENCE: 2
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 42 <213> ORGANISM: Artificial Sequence
 44 <220> FEATURE:
 45 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic Gag
 46 of HIV strain AF110965
 48 <400> SEQUENCE: 3
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 51 ctggagaagt tggccctgaa cccggcctg ctggagacca gcgagggtcg caagcagatc 180
 52 atccggcagc tgcacccgc cctgcagacc ggcagcgagg agttaagag cctgttcaac 240
 53 accgtggcca ccctgtactg cgtgcacgag aagatcgagg tccgcacac caaggaggcc 300
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 55 gcccacaagg gcaagggtgag ccagaactac cccatcgatc agaacctgca gggccagatg 420
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 57 gccttcagcc cccgaggtgat cccatgttc accgcctgaa gcgaggccgc caccggcc 540
 58 gacctgaaca cgatgtgaa caccgtggc ggccaccagg cccgatcgca gatgtgtgaa 600

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59 gacaccatca acgaggaggc cgcccgagtgg gaccgcgtgc accccgtgca cgccggcccc 660
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 61 ctgcaggagc agatcgctg gatgaccagc aacccccc tccccgtggg cgacatctac 780
 62 aagcggtgga tcatcttggg cctgaacaag atcggtcgaa tgtacagccc cgtgagcattc 840
 63 ctggacatca agcaggcccc caaggagccc ttcccgact acgtggaccg cttttcaag 900
 64 accctcgccg ccgagcagag caccaggag gtgaagaact ggatgaccga caccctgctg 960
 65 gtgcagaacg ccaaccccgta ctgcaagacc atcctcgccg ctctcgccg cggcgccagc 1020
 66 ctggaggaga tgatgaccgc ctgcaggccc gtggcgccc ccagccacaa ggcggcgctg 1080
 67 ctggccgagg cgatgagcca ggccaaacacc agcgtgatga tgcaagaagag caacttcaag 1140
 68 ggcccccggc gcattgtcaa gtgttcaac tgcggcaagg agggccacat cggccgcaac 1200
 69 tgcggcgccc cccgcaagaa gggctgtgg aagtgcggca aggaggggca ccagatgaag 1260
 70 gactgcaccc agcgccaggc caacttcctg ggcaagatct ggcccgagca caaggggccgc 1320
 71 cccggcaact tcttgcaag cccggggag cccacccgccc ccccccggca gagcttccgc 1380
 72 ttccgaggaga ccaccccccggcc caagaagcag gagagcaagg accgcgagac cctgaccagc 1440
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76 <211> LENGTH: 1509

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78 <213> ORGANISM: Artificial Sequence

80 <220> FEATURE:

81 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic Gag
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84 <400> SEQUENCE: 4

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 87 ctggagggtct tcgcctgaa ccccgccctg ctggagaccg ccgagggtctg caagcagatc 180
 88 atgaaggcgc tgcagccgc cctgcagacc ggcacccggg agctgcgcag cctgtacaac 240
 89 accgtggcca ccctgtactg cgtgcacccg ggcacccggg tccgcacac caaggaggccc 300
 90 ctggacaaga tcgaggagga gcagaacaag tcccacccgaga agacccagca ggcacccggg 360
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 92 caccaggcca tcagcccccg caccctgaa acgcgtggta aggtgatcga ggagaaggccc 480
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 96 gcccccggcc agatgcgcga ccccgccggc agcgacatcg cggccgcac cagcacccctg 720
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 104 gccccccggc gcaacgtcaa gtgttcaac tgccggccggc agggccacat cggccaccc 1200
 105 tgccgcgcggc cccgcaagaa gggctgtgg aagtgcggca aggaggggca ccagatgaag 1260
 106 gactgcaccc agcgccaggc caacttcctg ggcaagatct ggcccgccca caaggggccgc 1320
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 109 cggccggccctt acggccggcc cctgaccggcc ctgcggccggc tggccggcc 1500
 110 agccagtaa 1509

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Input Set : A:\CHIR-1631_03USseqlist.txt
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112 <210> SEQ ID NO: 5
113 <211> LENGTH: 141
114 <212> TYPE: DNA
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Description of Artificial Sequence: Env common
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121 <400> SEQUENCE: 5
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123 gccatgtacg cccccccat cgccggcaac ctgacacctcg agagcaacat caccggctg 120
124 ctgctgaccc gcgacggccg c 141
126 <210> SEQ ID NO: 6
127 <211> LENGTH: 1431
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
133 gp120 coding region of HIV strain AF110968
135 <400> SEQUENCE: 6
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138 tggccaccc acgcctcggt gcccaccgac cccaaacccc aggagatcg gctggagaac 180
139 gtgaccgaga acttcaacat gtggaagaac gacatggtg accagatgca cgaggacatc 240
140 atcagcctgt gggaccagag cctgaagccc tgcgtgaagc tgacccccc tgcgtgacc 300
141 ctgaagtgc gcaacgtgaa cggccaccaac aacatcaaca gcatgatcga caacagcaac 360
142 aaggcgaga tgaagaactg cagcttcaac gtgaccaccc agtcgcgcga cccgaaggc 420
143 gaggtgcacg ccctgttcta cccgcctggac gtgggtcccc tgcaggccaa caacagcaac 480
144 gatgtaccgc tgatcaactg caacaccgac gccatcaccc aggcctgccc caaggtgac 540
145 ttgcacccca tccccatcca ctactgcacc cccgcggct acggccatct gaagtgcac 600
146 aaccagaccc tcaacggcac cggccctgc aacaacgtg gcaacgtgca gtgcgcac 660
147 gcatcaagc cctgtggtag ccccgacgtg ctgctgaacg gcaacgtggc caagggcgag 720
148 atcatcatcc gcaagcgagaa cctggccaaac aacgccaaga tcatcatcg gcagctgaa 780
149 aagcccgta agatcggtg cttgcggccc aacaacaaca cccgcaagag cgtgcgcac 840
150 ggccccggcc agacccctcta cccacccggc gagatcatcg gcaacatccg ccaggccatc 900
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156 gccccccca tccggccaa cctgacactgc gagagcaaca tcaccggct gctgctgacc 1260
157 cggcggccg gcaagaccgg ccccaacacgac accgagatct tccggccggc cggccggccg 1320
158 atgcgcgaca actggcgaa cgagctgtac aagtacaagg tggtgagat caagccctg 1380
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162 <211> LENGTH: 1944
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic

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Input Set : A:\CHIR-1631_03USseqlist.txt
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168 gp140 coding region of HIV strain AF110968
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 173 tggccacccc acgcctgcgt gccccaccgac cccaaacccccc aggagatcggt gctggagaac 180
 174 gtgaccgaga acttcaacat gtggaaagaaac gacatggtg accagatgca cgaggacatc 240
 175 atcagcctgt gggaccagag cctgaagccc tgctgtgaagc tgaccctgt gtgcgtgacc 300
 176 ctgaagtgcc gcaacgtgaa cgccaccaac aacatcaaca gcatgatcgaa acacagcaac 360
 177 aaggcgaga tgaagaactg cagcttcaac gtgaccaccc agctgcgcga ccgcaagcag 420
 178 gaggtgcacg ccctgttcta cccgcctggac gtgtgccttttcaaccc aggcctgcggc caacagcaac 480
 179 gagtaccgccc tgatcaactg caacaccaggc gccatcaccc aggcctgcggc caaggtgagc 540
 180 ttgcacccca tccccatcca ctactgcacc cccgcggct acggccatctt gaagtgcac 600
 181 aaccagacct tcaacggcac cggccctgtc aacaacgtga gcagcgtgca gtgcgcac 660
 182 ggcatcaagc ccgtggtag caccctagctg ctgctgaacg gcagcgtggc caagggcag 720
 183 atcatcatcc gcagcgagaa cctggcaac aacgccaaga tcatacatcggt gcagctgaaac 780
 184 aagcccggtga agatcggtg cgtgcggccc aacaacaaca cccgcaagag cgtgcgcac 840
 185 ggccccggcc agaccttcta cgccacccggc gagatcatcg gcgcacatccg ccaggcctac 900
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 187 gagcacttca gcaagaaggc catcaagttc gagcccaagca gcggccggcga cctggagatc 1020
 188 accacccaca gcttcaactg cccggcggc gagacaccag ccagctgttc 1080
 189 aacagcacct acagccccag cttaacggc accgagaaca agctgaacgg caccatcacc 1140
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 201 atcaacaact acaccgcac catctaccgc ctgctggagg agagccagaa ccagcaggag 1860
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208 <213> ORGANISM: Artificial Sequence

210 <220> FEATURE:

211 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
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214 <400> SEQUENCE: 8

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218 gtgaccgaga acttcaacat gtgaaagaac gacatggttt accagatgca cgaggacatc 240
219 atcagcctgt gggaccagag cctgaagcccc ttgcgtgaagg tgaccccccgt gtgcgtgacc 300
220 ctgaagtggcc gcaacgtgaa cgccacccaac aacatcaaca gcatgatcga caacagcaac 360

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 226 ggcattcaagc ccgtggtag cacccagctg ctgctgaacg gcagctggc caagggcgag 720
 227 atcatcatcc gcagcgagaa cctggccaa aacgccaaga tcatcatcg gtagctgaac 780
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 261 <213> ORGANISM: Artificial Sequence
 263 <220> FEATURE:
 264 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
 signal sequence and gp160 coding region of HIV
 266 strain AF110968
 268 <400> SEQUENCE: 9
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 270 ttctggatgc tcatcatcg cagcggtgt ggcaacccgtt gggtgaccgt gtactacggc 120
 271 gtgcggcgtgt ggaaggaggc caagaccacc ctgttctgtca ccacgcacgc caaggcctac 180
 272 gagaccggagg tgcacaaacgtt gtcggccacc cagccctgcg tgccaccgcg ccccaacccc 240

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